

Situation in Siberia and the Far East - Sakhalin
and the Kuril Islands Today, Part 2, by V. G.
Udovskoy, 4 pp.

JAPANESE, per, Tairiku Mondai, Jan 1960.

USACRPAAC FPD
No 101160

USSR
Econ - Forestry,
Feb 60

109,167

(NY-6743)

The Functional Activity on Nodular and
Diffuse Thyroid Tissue in Patients With
Endemic Goiter, by V. M. Udod, B. M. Koval',
4 pp.

RUSSIAN, per, Medit Radiolog, Vol VI, No 8,
1961.

JPRS 12393

183,623

Sci

Mar 62

Certain Regularities of Migration of Metals in
Natural Waters, by Udodov, P. A., Parilov, Yu. S.,
14 pp.

RUSSIAN, per, Geokhim, No 8, 1961.

Geochem Soc

Sci

216,314

Nov 62

(NY-6442)

Frequency Keyer for Test of Main Line
Receivers, by G. M. Nikolayev, V. A. Udov,
12 pp.

RUSSIAN, per, Vestnik Svyazi, No 1, 1961.

JPRS 9704

Sci

Aug 61

162,001

The Question of the Effect of Nutrient Conditions
on the Concentration of Amino Acids in Plants,
by A. K. Kalinkevich, G. V. Udovenko 4 pp.

RUSSIAN, per. Dok Ak Nauk SSSR, Vol CXXVI, No 3,
1959, pp 604-607.

Amer Inst of Biol Sci

Sci

Jan 60

104 776

UDOVENKO, N.
SMEKH, E.

Use of Sodium Thiosulphate in Place of Arsenite
for Determining Manganese in Steel by the
Pweaulphate Oxidation Method.

ZAVODSKAYA LABORATORIYA, vol 9, 1940, pp 398-400,
1450 words.

Brutcher No 1018, \$ 1.45

A 123.23

UDOVENKO, N. V.

Zavodskaya Laboratoriya, vol. 8, 1 table, 700 words; 1939.

Determination of Silicates and Silicides in Steel.

Brutcher Trans., Order No. 1721, \$1.20

A 12324

T of C and Review of
The Soviet Far East; Economic and Geographic
Features, by V. G. Udovenko, 5 pp.

RUSSIAN, bk, Dal'niy Vostok; Ekonomiko-
Geograficheskaya Kharakteristika, Moscow,
1957, 246 pp.

B-245
Head, Lib Sv Sec
Air Info Div
Lib Congress

Vapor Pressure in Three-Component Systems. III. The
Formic Acid-1,2-di-Chloroethane-Water System, by V. V.
Udovenko, L. P. Aleksandrova, 3 pp.

RUSSIAN, per, Zhur Fiz Khim, No 6, 1960, pp 1365-1372.

Cleaver-Hum Press

Sci

Apr 61

144,498

Physicochemical Study of Systems With
Diphenylamine. I., by V. V. Udovenko, K. P.
Topornina, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 10,
1959, pp 3189-3193.

CB

Sci

Oct 60

130,585

On the Reaction of Cupric Chloride with
Ethanolamine, by V. V. Udovenko, M. V. Artemenko,
2 P.

RUSSIAN, per, Khim Neorg Khim, Vol IV, No 2,
1959, pp 352-355.

Cleaver-Hume Press Ltd.
London

Sci-Chem
Jan 60

106,595

The Reaction of Anabasine with Thiocyanate Salts
of the Iron Subgroup, by E. I. Aizikov,
V. V. Udovenko, 1 p.

RUSSIAN, per, Zhur Neorg Khim, Vol IV, No 2,
1959, pp 356-358.

Cleaver-Hume Press Ltd.
London

Sci-Chem
Jan 60

106,596

The Viscosity of Binary Mixtures Containing Nicotine.
IV, S. F. Babak, V. V. Udovenko.

The Journal of General Chemistry of the USSR, Vol XX,
No 12, Dec 1950, pp 2199 - 2201 (Russ p 2121).
12, Dec

Consultants Bureau
New York

USSR

A-406

The Dielectric Constants of Systems With Silicon and Germanium Tetrachlorides, by V. V. Udovenko, Yu. Ya. Ryalkov, 5 pp.

RUSSIAN, per, Zhur Neorg Khim, Vol II, No 9, 1957, pp 2126-2128.

AEC-tr-4059
PL-480

Sci

Aug 61

PST 86

163,403

The Viscosity of Binary Systems with Chloral.
IV. by V. V. Udovenko, R. I. Khomenko, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol 27, No 1,
1957, pp 37-39.

Consultants Bureau

Sci - Chem

Jun 58

65,256-

The Viscosity of Binary Systems with Exchange
Interaction, by V. V. Udovenko, Yu. Ya. Fyalkov,
4 pp.

RUSSIAN, ¹/₂ per, Zhur Obshch Khim, Vol XXVIII,
No 3, 1958, pp 814-818.

Consultants Bureau

Sci - Chem

May 59

87,394

The Viscosity of Binary Systems With
Chloral. II, by V. V. Udovenko, R. I.
Khomenko, 6 pp.

RUSSIAN, no per, Zhur Obshch Khim SSSR, Vol XXVI,
No 11, 1956, pp 2959-2962.

Consultants Bureau

Sci - Chem

Jul 58

67,556

The Viscosity of Binary Systems with Chloral.
III. By V. V. Udovenko, R. I. Khomenko, 4 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI,
No 12, 1956, pp 3270-3272.

Consultants Bureau

Sci - Chemistry
Jul 65

67,399

Viscosity of Binary Systems With Chloral, by
V. V. Udovenko, ~~and~~ R. I. Khomenko, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII,
No 2, 1957, pp 322-324.

⁴
Consultants Bureau

Sci - Chem

Jul 58

67,214

Study on the Reactions of Capric Chloride
with Monoethanol Amine, by V. V. Udovenko,
M. V. Artemenko, 8pp
RUSSIAN, per, Zhurnal Neorganicheskoi Khimii,
Vol 4, 1959, No 2, pp 352-355
SLA TT-65-10090

V. V. Udovenko

Sci - Chem
June 67

328,963

The Maximum Viscosity of Irrational Systems, by
V. V. Udovenko.

RUSSIAN, per, Ak Nauk SSSR, Otdel Tekh Nauk, Inst
Mashinovedeniya, Soveshchaniye Vyznaskosti Zhidkost i
Kolloid Rastvorov, Vol II, 1944, pp 89-93.

Assoc Tech Serv RJ-1453
" " " 36K23R

Sci - Chem

Apr 59

85, 321

The Conductometric Titration of Zinc With
Barium Hydroxide, by V. V. Udovenko, G. B.
Petrovskaya, 7 3 pp.

RUSSIAN, bimo per, Zhur Anal Khim, Vol VII, No 3,
May - Jun 1952, pp 158-160.

Consultants Bureau

Scientific - Chemistry Dec 53 CTS/DEX

7885

On the Strength of Certain Bases in Water and Acetone, by V. V. Udovenko, L. A. Vvedenskaya, V. I. Dulova, 4 pp.

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIII, No 12, 1953, pp 2060-2062. CIA D 151308

Consultants Bureau

Scientific - Chemistry
May 55 CTS

23,330

Interaction of Anabasine With Inorganic Acids,
by V. V. Udovenko, L. A. Vvedenskaya, 2 pp.

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIII, No 11,
1953, pp 1934-1935. CIA D 151246

Consultants Bureau

Scientific - Chemistry Apr 55 CTS

22,636

Interaction of Anabasine With Organic Acids, by
V. V. Udovenko, L. A. Vvedenskaya, 4 pp.

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIII, No 11,
1953, pp 1931-1933. CIA D151246

Consultants Bureau

Scientific - Chemistry Apr 55 CTS

22,629

The Viscosity and Density of Binary Systems With
Nicotine. III. by S. F. Babak, V. V. Udovenko.

RUSSIAN, per, Zhur Obshch Khim, Vol XX, No 9,
Sep 1950, p 1568.

Consultants Bureau

Scientific - Chemistry

14,514

Physicochemical Analysis of the Systems Phenol - Monochloroacetic Acid and Phenol - Trichloroacetic Acid, by V. V. Udovenko, R. P. Airapetova, and V. T. Malakhova.
7 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXII, No 10, 1952, pp 1759-1761.

Consultants Bureau

Scientific - Chemistry

14,490

Investigations of Formic Acid Systems, by V. V. Udovenko, R. P. Airapetova.

RUSSIAN, per, Zhur Obshch Khim, Vol XIX, No 1, Jan 1949, pp 143-148.

Consultants Bureau Translation

Full Tr in Lib

Scientific - Chemistry

12,898

The Conductometric Determination of Potassium by
Means of Sodium Picrate, by V. V. Udovenko,
G. B. Pasovskaya, 2 pp.

RUSSIAN, bino per, Zhur Anal Khim, Vol VII, No 3,
May-Jun 1952, pp 161-162.

Consultants Bureau

Scientific - Chemistry Dec 53 CTS/DEX

7886

Physicochemical Study of Systems Containing
Diphenylamine, II, V. V. Udovenko,
K. P. Tsygornina, 7 pp.

RUSSIAN, per Zhur Obshch Khim
Vol. XXXI, No.1, 1961, pp. ~~1-2~~ 3-8.

CB

Sci

192, 283

Mar 62

The Viscosity of Binary Systems With Chloral, I, by V. V. Udoenko, R. I. Khomenko, 4 pp.

RUSSIAN, no par, Zhur Obshch Khim, Vol XXVI, No 10, Oct 1956, pp 2693-2696.

Consultants Bureau

Sci - Chemistry
Mar 58

60,095

The Viscosity of Systems Containing Nicotine. V,
S. F. Babak, V. V. Udovenko.

The Journal of General Chemistry of the USSR, Vol XI,
No ~~XX~~ ~~Nov~~ 1950, pp 2203 - 2205 (Russ p 2124).
12, Dec

Consultants Bureau
New York

USSR

A 407

UDOVENKO, V. V., KALABANOVSKYA, E. I., and PROKOP'EVAY,
M. F., Lab of Phys Chem of Middle Asian State Univer-
sity

Viscosity Relationships of Chloral Systems with
Alcohols

Zhur E Obshch Khim, Vol XIX, No 1, 1949 (Jan), pp
149-151

Consultants Bureau Translation

A-4691

The Viscosity of Systems Composed of Silicon Tetrachloride With Oxygen-Containing Organic Substances,
by V. V. Udovenko, Yu. Ya. Fyalkov, 8 pp.

RUSSIAN, per, Zhur Georg Khim, Vol II, No 4, 1957,
pp 868-872.

AEC-tr-4054
PL-480

Sci

Apr 61

PST No 81

146,345

UDOVENKO, V. V., and VVEDENSKAYA, L. A., Lab of Phys
Chem, Mid-Asia State U.

Reaction of Anabasine with Mineral Acids

Zhur Obshch Khim, Vol XIX, No 5, 1949 (May), pp 955-
956

Consultants Bureau Translation

A 12325

The Viscosity of Binary Systems with Chloral,
VI., by V. V. Udovenko, R. I. Khomenko, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 3,
1957, pp 583-585.

Consultants Bureau

Sci - Chem

Aug 58

69, 187

Automatic Electronic Multipoint Instrument for
Controlling and Regulating Temperature, by
A. Kh. Udovichenko, G. I. Reshetov, et al,
5 pp.

RUSSIAN, patent No 147044, (Appl. Nr. 669289/26,
6 June 1960,) pp 1-3. 9685474

FTD-TT-63-430

Sci-Electronics

243,627

Incent'yev

A Panoramic-Display Omegatron, by N. I. ~~Isotova~~,
Yu. K. Udovichenko, S. V. Kuril'nikov, 4 pp

RUSSIAN, per, Pribery i Tekh Eksper, No 3, 1960,
pp 100-103

ISA

142,375

Sci-

Feb 61

Omegatron, by E. I. Leont'sv, Yu. K.
Udovichenko, 4 pp.

RUSSIAN, per, Pribery i Tekh Eksper, No 1, 1959,
pp 101-105.

Instru Soc of Amer

Sci

Apr 60

114,090

Smaragdite from the Polar Urals, by N. G. Udovkina,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 3,
1960, pp 618-621.

AGI

Sci

Jun 61

153, 165

Relationship Between the Cow's Live Weight and Their
Milk Production, by Arvids Udris, 9 pp.

NON-SCOTIAN, per, Srb-ayelaforeningens for svensk rodoob
vit boskap tidskrift, Vol 1, No 3, 1955, pp 42-45.

S.I.A. Tr 1417/1956

Sci - Biol
Feb 57 CTS/dex

43,573

On the Mechanism of Origin of a Cathode Spot
on Negatively Origin Charged Electrodes in a
Gas Discharge Plasma, by Ya.'Ya. Udris, 12 pp.

RUSSIAN, per, Radiotekh i Elektron, Vol V,
No 12, 1960, pp 2026-2032.

PP

Sci
May 62

194,599

11 422 c

US-4 US-5

UDRIS Ya. Ya.

Arc-back due to mercury droplets

Trudy Vsesoyuzn. Elektrotekhn. Inst., 63 (1958)

MCL-363/V. (See ref. 11 422) - English

E u r a t o m

Disintegration of Materials by an Arc Cathode Spot,
by Ya. Ya. Udris, 7 pp.

RUSSIAN, per, Radiotekh i Elektron, Vol VIII, No 6,
1963,

IEEE

Sci

Apr 64

255,063

11 422 b

US-4 US-5

UDRIS Ya. Ya.

Reflexion of mercury droplets from solid surfaces

Trudy Vsesoyuzn. Elektrotekhn. Inst., 63 (1958)

MCL-363/V (See ref. 11 422) - English

E u r a t o m

COPENHAGEN'S WATER SUPPLY, BY M. UDSEN, 23 PP.

FRENCH, PER, LA TECHNIQUE SANITAIRE ET MUNICIPALE,
VOL LI, NO 3, 1956, PP 1, 2, 61-73. (CALL NO.
L.C., ENG TRANS)

AMS

WEEUR-DENMARK
ECON
OCT 7, 62

210,853

(FDD 2470)

Irrigation Problems in Heves County (Hungary),
by K. Uvvarhelys, 30 pp.

HUNGARIAN, qu per, Földrajzi Közlemények, Vol II,
No 1, Budapest, 1954, pp 47-62.

CIA/FDD/U-7145

EEur - Hungary
Econ - Agriculture

26,631

Jul 55

Subsidiary Methods of Drilling of Oil Wells Using
Turbines, by N. Ya. Udyanaki, 6 PP

RUSSIAN, no per, Neft Khoz, Vol XXXII, No 10,
1954, pp 5-9.

Tech and Comm Tr

Sci - Engineering
Aug 56 CTS/dex

37,370

assoc Tech SV
K I - 565
28.00

(SF-1878)

All-Union Scientific and Technical Conference on
Anti-Corrosion Techniques, by P. G. Udyma, 5 pp.

RUSSIAN, per, Zhur Vses Khim Obshch imeni D. I.
Mendeleyeva, Vol V, No 6, 1960, pp 697-699.

JPRS 10793

Sci - Chem

Nov 61

174,231

(SF-1355)

Mechanization in the Chemical Industry, by Friedrich
Gotz, Willi Uebel, 4 pp.

GERMAN, per, Chemische Technik, No 10, 1960, pp 580-581.

JPRS 10605

EEur - E. Germany

Econ

Nov 61

174,139

Regional Enteritis With Symptomatic Sprue by
Rolf Uebelhart. 8 pp. (Excerpts only).

GERMAN, per, Gastroenterologia, Vol LXXXI, 1954,
pp 3-9.

NIH 2-38

Sci - Med

Mar 59

82,800

The Polarization of the Quasimonochromatic
Bremsstrahlung of a Monocrystal by H. Ueberall,
10 pp.

GERMAN, pr, Zeitschrift fuer Naturforschung,
Vol XVIIa, 1962, pp 332-334.

AEC-SLAC-T-1

Sci - Phys
Oct 63

240,256

Non-equilibria in Adjustment of Concentrations
of Metal and Slag in the Basic Converter, by
T. Koetz, H. J. Ueberhorst.

GERMAN, per, Stahl und Eisen, Vol LXXXI, 16 Feb
1961, pp 239-248.

BISI 2151

Sci - Engr

Jul 61

161,056

The Melting of Mixed Polyethylenes, by
H. J. Orthmann, K. Ueberreiter.

GERMAN, per, Z Elektrochem, Vol LXI, 1957,
pp 106-113.

TIL T5331

Sci - Chem
Feb 63

222,464

Quantitative Determination of Organic Peroxides,
Part I. Two colorimetric methods, by
K. Ueberreiter, G. Sorge, 5 pp.

GERMAN, per, Angewandte Chemie, Vol LXVIII,
1956, pp 352-354.

NOT RELEASABLE TO FOREIGN NATIONALS

CIA/FDD XX-295

Sci - Chemistry
May 1957 CTS/dex

4 27, 656

IAC INTERNAL USE ONLY

Specific Heats, Specific Volumes, Temperature Conductivities and Thermal Conductivities of Several Disubstituted Benzenes and Polycyclic Systems, by Kurt Ueberreiter, Hans-Joachim Orthmann, 22 pp.

GERMAN, per, Z Naturforsch, Vol Va, 1950, pp 101-108.

S.L.A. Tr-1055/1956

Sci - Physics

39,268

Sensitized Photopolymerization of Styrene. Part III.
Fluorenone Peroxide-styrene System; Photopolymerization
by Kurt Ueberreiter, Gunther Sorge, 36 pp.

GERMAN, per, Zeitschrift fuer Physikalische Chemie,
Vol XIII, No 3/4, 1957, pp 158-183.

SIA 59-10941

Sci - Chem
Sep 59
Vol 2, No 1

97, 277

Sensitized Photopolymerization of Styrene, Part II:
Fluorenone Peroxide-Styrene System; Reaction
Occurring in the Dark, by Kurt Heberreiter, Rabel
Wolfgang, 17 pp.

GERMAN, per, Z fuer Phys Chem, Vol XVIII, No 1/2,
1957, pp 95-106.

SLA 59-10942

Sci - Chem
Sep 59
Vol 2, No 1

97898

Osmotic Molecular Weight Determinations of Styrene-Acenaphthylene Copolymers, by Kurt Ueberreiter, Wolfgang Krull, 20 pp.

GERMAN, per, Makromolekulare Chemie, Vol XXIV, No 1, 1957.

SIA 59-15917

Sci
Dec 59
Vol 2, No 5

103,646

The Dilatometer ~~was~~ as an Aid in Plastics Research,
by Kurt Ueberreiter, Darl Klein, 14 pp.

GERMAN, per, Die Chemische Fabrik, Vol. XV, No 1,
1942, pp 5-8.

CIA/FDD/XX-26
IAC Internal Use Only

28,692

විද්‍යාමය විද්‍යාමය

Scientific - Chemistry

Nov 55 CTS

Measures for Protecting Individual Trees
Against Game Damage, by E. Geckermann.

GERMAN, per, Allgemeine Forstzeitschrift,
Vol XIV, No 28, 1959, pp 842-844.

CSIRO

Sci - Biol
Jul 62

207,682

Influence of Non-Newtonian Viscosity on the
Molecular Weight-Intrinsic Viscosity Relationship
of High Polymer Solutions (Polystyrene ~ Toluene
Solutions), by Kawabara, Hazuo, Ueda, Minoru, 17 pp.

JAPANESE, Per, Nihon Kagaku Zasshi 1958, Vol LXXIX,
No 7, pp 843-848.

SLA 59-10492

Sci
Oct 59
Vol 2, No 3

99, 908

Voltage Breakdown of Alumina, by I. Ueda, T.
Okada, 4 pp.

JAPANESE, 1958.

SIA 59-10321

Sci - Min/Met

Vol 12, No 1

97,243

Studies on Aged Paddy Soils, VII. An
Examination of Analytical Method of
Available Silicate in the Soil,
by K. Ueda, M. Yamaoka.
JAPANESE, per, Nihon Dojo Hiriyogaku Zasshi,
Vol 30, 1959, pp 393-396.
SLA TT-66-10731

K. Ueda

Sci-Agric
June 66

303,510

Influence of the Wave Length of Light on the Synthesis of Hexachlorocyclohexane and the Quantum Yield, by K. Ueda, 12 pp.

JAPANESE, per, [†]Boyu Kagaku, Vol XV, 1950, pp 149-155. C.A., Vol XLV, 1951, p 1426e.

ATB

Sci

Aug 59

95, 118

TT-64-13574

Ueda, Keizo, Tauchidaira, Yoshio, and Matsuoka,
Kozo.
METHOD FOR MAKING MOLDINGS OR FIBERS OF
POLYVINYL ALCOHOL SERIES HIGHLY RESISTANT
TO HOT WATER
K. K. K., tr. 14 Jan 64, 13p
Order from OTS, SLA, or ETC \$1.60 TT-64-13574

Trans. of Japanese patent application publication
no. 31-9492, 6 Nov 56, appl. 25 Oct 52 as no. 27-16910,
c. 26 B 131 (42 D 2) (25 H 3) by Kanegafuchi Boseki
Kabushiki Kaisha.

DESCRIPTORS: *Polyvinyl alcohol, Plastics, Fibers
(Synthetic), *Molding materials, Manufacturing
methods, *Heat resistant plastics, Water.

(Materials--Plastics, TT, v. 11, no. 9)

- I. Ueda, K.
- II. Tauchidaira, Y.
- III. Matsuoka, K.
- IV. Patent (Japan) pub. 31-9492
- V. Patent Office,
Washington, D. C.

... 6648

Office of Technical Services

Ueda, Kiyomoto.

CONTINUOUS FERMENTATION OF MOLASSES WITH
A COMBINED SYSTEM OF AGITATED VESSELS AND
FLOW PIPES. Pt. 7 of Studies in Continuous Fermenta-
tion. [1962] 9p. 4 refs.

Order from SLA \$1.10

62-16046

Trans. of [Nihon Nogei-Kagakkai Shi (Japan) 1958,
v. 32, p. 26-29].

DESCRIPTORS: Food, *Carbohydrates, Fermentation,
Yeasts, Alcohols, Containers, Pipes.

An improved set of equipment for the agitated-vessel
process was devised, to be used for continuous alcoholic
fermentation. This apparatus is a compromise between
the agitated-vessel and the pipe process. This im-
proved apparatus is 1.8 times more efficient than the
re-use and the two-vessel methods; this figure agrees
with the theoretical value. (Author)
(Food, TT, v. 9, no. 3)

62-16046

- I. Title: Molasses
- I. Ueda, K.
- II. Title: Studies...

C227515

Office of Technical Services

TT-65-13875

Field 11E

Ueda, N.; Nukushina, Y.; Yokouchi, R.
CRYSTALLINITY AND ORIENTATION OF
COPOLYESTER FIBERS. 20p, 5 refs.
Order from SLA: \$1.60 as TT-65-13875

Trans. of Kobunshi Kagaku (Japan) v21 n236 p729-36
1964.

MR-667

63-18904

Ueda, Ryuzo, Terajima, Takane, and Okuda, Takashi.
POLYMER COMPOSITION OF COMMERCIAL LACTIC
ACID. Rept. 11 [of] Studies on the Utilization of
Fermented Lactic acid. [1963] 7p 11 refs
Order from SLA \$1.10 63-18904

I. Ueda, R.
II. Terajima, T.
III. Okuda, T.
IV. Studies ...

Trans. of Hakko Kogaku Zasshi (Japan) 1958, v. 36,
p. 368-371.

DESCRIPTORS: *Lactic acid, *Polymers, Separation,
*Chromatographic analysis, Impurities.

Partition chromatography was conducted according to
R. Montgomery's method (J. Am. Chem. Soc.
74: 1466, 1952), and it was seen that the polymers in
lactic acid water solution could be determined more or
less completely. The polymer composition of edible
grade lactic acid demonstrated 57 ~ 62% monomer,
20 ~ 23% dimer, 4 ~ 7.5% trimer, and trace ~ 7%
tetramer, and total acidity was 87 ~ 93%. The lactic
(Chemistry, TT, v. 10, no. 11) (over)

Office of Technical Services

Ueda, Ryuzo and Terajima, Takane.
CHANGES OF LACTIC ACID POLYMERS BY DILU-
TION. Rept. 12 [of] Studies of the Utilization of
Fermented Lactic Acid. [1963] 7p 3refs
Order from SLA \$1.10 63-18905

Trans. of Hakko Kagaku Zasshi (Japan) 1958, v. 36,
p. 371-374.

DESCRIPTORS: *Condiments, Taste, *Lactic acid,
*Polymers, Solutions, Hydrolysis, Chemical equilib-
rium.

Changes of lactic acid polymers when edible grade
lactic acid (87.20%) was diluted to various concentra-
tions with distilled water were examined. When left at
room temperature, at 5% concentration the trimer ex-
isted for at least 30 days and even after 40 days still
a fairly large amount of dimer existed, and equilibrium
(Food, TT, v. 10, no. 12) (over)

63-18905

I. Ueda, R.
II. Terajima, T.
III. Title: Studies . . .

6000
Office of Technical Services

63-17772

Ueda, S., Watanabe, A., and Tsuji, F.
THE ADSORPTION BEHAVIOR OF NONIONIC SURFACE-
ACTIVE AGENTS CONSIDERED FROM THE STAND-
POINT OF THE DIFFERENTIAL DOUBLE LAYER
CAPACITY. [1963] 10p.
Order from ATS \$16.00

ATS-88Q69J

Trans. of Denki Kagaku (Japan) 1962, v. 30, no. 8,
p. 582-586.

DESCRIPTORS: *Adsorption, *Surface-active
substances, *Electrical double layer, Electrochemistry.

(Chemical--Physical, TT, v. 10, no. 6)

- I. Ueda, S.
- II. Watanabe, A.
- III. Tsuji, F.
- IV. ATS-88Q69J
- V. Associated Technical
Services, Inc.,
East Orange, N. J.

1244637

Office of Technical Services

The Dependence of the Percentage of Voids on
the Method of Mixing the Particles, by E. Hirasu,
S. Ueda.

JAPANESE, per, Kagaku Kogaku, Vol. XVIII, 1954,
pp 369-372.

ATS R JJ-1956

Sci - Chem

Jan 60

105,755

Ueda, Shizuo, Watanabe, Akira, and Tsuji, Fukuju.
CONDUCTANCE OF LIGNIN SULFONATES IN
MIXED SOLVENTS. Pt. 1 of Physico-Chemical
Studies on Lignin. [1962] 21p. 16 refs.
Order from SLA \$2.60

62-18726

Trans. of Nihon Nogei-Kagakkai Shi (Japan) 1961,
v. 35 [no. 10] p. 908-915.

DESCRIPTORS: *Electrical conductance, *Lignin,
*Sulfonates, Sodium compounds, Solvents, Solutions,
Ethanol, Physical chemistry.

Conductivity of sodium lignin sulfonate (NaLS) was
measured using ethanol-water mixed solvent as a
medium. When the concentration of NaLS is a low,
Kohlrausch's law can be applied; and the ultimate
value, $\Delta 0$, at zero concentration can be obtained by
extrapolating the curve correlating the equivalent con-
(Chemistry--Physical, TT, v. 9, no. 12) (over)

62-18726

I. Ueda, S.
II. Watanabe, A.
III. Tsuji, F.
IV. Title: Physico-Chemical..

A340033

Office of Technical Services

Study of the Water Jet Water Pump, by T. Ueda.
JAPANESE, per, Transactions of the Society of
Mechanical Engineers, Vol XX, 1954, pp 23-31.
NASA TT F-9210

Sci-Eng Engr
Feb 63
U. S. GOVERNMENT ONLY

274,923

Research on Arsenical Drugs, Rpt I, Studies on the
Catalytic Action of Zinc in Bechamp's Synthetic
Reaction of 4-Hydroxyphenylarsonic Acid, by
Takeo Ueda, Takuo Kosuge, 7 pp.

JAPANESE, per, Yakugaku Zasshi, (Journal of the
Pharmaceutical Society of Japan), Vol LXII, No 8,
Aug 1951, pp 821-823.

BYH

9420

Scientific - Medicine
CTS/DEX

Uedaira, H. A SIMPLE METHOD FOR OBTAINING THE DIFFU- SION COEFFICIENTS OF DYES IN FIBERS. [1960] 5p. Order from ATS \$9.50 ATS-02M45J Trans. of Sen-i Gakkaishi (Japan) 1958, v. 14, no. 6, p. 481-483. (Materials--Textiles, TT, v. 5, no. 1)	61-12090 1. Dyes--Diffusion 2. Synthetic fibers--Processing I. Uedaira, H. II. ATS-02M45J III. Associated Technical Services, Inc., East Orange, N. J. Office of Technical Services
--	--

Determination of Zinc in Steel cast iron, by T. Gamba,
S. Uehara.
JAPANESE, par. ~~Japan Analyst~~. Vol 11, No 7, 1961, pp 2-
761
CRL/T 2124

F. UEHARA

Sci -
Sep 67

140,221

K. Uehara

Comparison of the Ultra-Violet Ray
Absorption Spectra of Varieties of
Phytoalexin Produced by Different
Combinations of Host Plant and
Parasite, by K. Uehara.
JAPANESE, per, Nihon Shokubutsu
Byorigaku Haiho, Vol 29, No 1, 1964,
pp 1-5.
NTC 72-10629-02D

Apr 72

Phytoalexin Generated by Interaction Between Peas
and *Ascochyta Blight*, by K. Uehara.

JAPANESE, per, Plant Pathology Society Report,
Vol XXV, No 2, 1960, pp 85-91.

~~Sci-Ag~~, *Biol.* CSIRO/No 5849

Feb 63

223,501

Phytoalexin Generated by Inter-Action Between
Water-Rice and Rice White-Leaf-Blight Fungus. XXXXX
by K. Uehara.

JAPANESE, Annals of the Phyto-Pathological Society,
Vol XXV, No 3, 1960, pp 149-155.

CSIRO/No 5707

Sci
Feb 63

Relationship Between the Host Specificity of
Pathogen and Phytoalexin, by K. Uehara.
JAPANESE, per, Annals of the Phytopathological
Society of Japan, Vol 29, No 3, 1964, pp 103-110.
CSIRO/No. 7100

K. UEHARA.

Sci -
Aug 67

334,875

Comparison of the Ultra-Violet Ray Absorption
Spectra of Varieties of Phytoalexin Produced
by Different Combinations of Host Plant and
Parasite, by K. Uehara.

JAPANESE, per, Japan, Phytopathological Society,
Animals, Vol 29, No 1, 1964, pp 1-4
CSIRO/No 6930

K.UEHARA

Sci -
Jul 67

334,977

Biochemical Formation of Monosaccharides; Rpt 3
Decarboxylation of Dihydroxymaleic Acid, by
Kihachiro Uehara, 10 pp.

JAPANESE, per, Nihon Kagaku Zasshi (Journal
of the Chemical Society of Japan), Vol LXXIX,
No 10, Oct 1952, pp 716-718.

NIH

Scientific - Chemistry
CTS/DEX

4437

The Biochemical Formation of Monosaccharides;
Report No 2: Biochemical Formation of Pentose,
by Kihachiro Uehara, 14 pp.

JAPANESE, par, Nihon Kagaku Zasshi, Vol. ^{*}LXXIII,
No 6, Jun 1952, pp 411-413.

HHH
Chemistry
Scientific - Medicine
C/S/T/M

5525

The Biochemical Formation of Monosaccharides; Rpt I,
The Biochemical Formation of Tetrose and Hexose,
by Kihachiro Uehara, 18 pp.

JAPANESE, per, Nihon Kagaku Zasshi (Journal of the
Chemical Society of Japan), Vol LXXIII, No 5, May
1952, pp 311-315.

NIH

Scientific - Chemistry
CTS/DEX

9436